

CASE STUDY

Henikwon Corporation

“Quick high-precision simulation results helped Henikwon Corporation reduce the turn-around time in new product development and achieve faster time to market.”

Shreyash Patankar
Deputy General Manager, R&D
Henikwon Corporation Sdn. Bhd.

~40%

Faster
simulation results

~29%

Reduction
in simulation time

~20%

Reduction
in development time

Henikwon Corporation Sdn. Bhd.



Highbar NSPB (non-segregated phase) LV/MV Busduct System

Established since 1987, Henikwon Corporation is a progressive market leader in the electrical equipment industry. Henikwon has been playing a pioneering role in the busduct landscape. They produce high performance and quality products with excellent services to the customers throughout the life cycle. They constantly strive to maintain a high level of quality and compliance to the international product standards.

Introduction & Challenges

Henikwon Corporation Sdn. Bhd. wanted to reap the benefits of quick turn-around time in developing new products. They were looking for a solution to help reduce the project timeline and budget by getting accurate and precise thermal modelling before any prototype was fabricated.

Engineering Solution & Success Factors

Ansys Elastic Currency: Ansys Elastic Currency provided the flexibility to Henikwon to perform simulation while license capacity was limited during the new product introduction.

Benefits & Results

- High-precision results of electro-thermal simulations.
- Ease of scaling simulation needs through elastic licensing.
- Quick simulation and low turnaround time, ~40% faster than conventional simulation techniques.
- Localized solution without a large CAPEX.



“Products and services provided by CYBERNET MALAYSIA enhanced our R&D team capabilities and enabled them to perform simulation locally while localized solution offered greater flexibility for multiple iterations. We achieved faster time to market with local simulation by reducing the turnaround time and development time by 10%~20% compared to conventional method.” – Henikwon



About CYBERNET

CYBERNET SYSTEMS MALAYSIA SDN.BHD. supports customers in Malaysia, Singapore, Thailand, Vietnam, and other ASEAN countries. They provide a wide variety of software, technical support, engineering services and training for Computer-Aided Engineering (CAE), Vehicle Simulation, Casting Simulation, Tolerance Analysis, and Digital Engineering solutions that combine CAE with emerging technologies for Digital Transformation, such as IoT, AR-VR, Digital Twin, Big Data analysis, and AI.

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